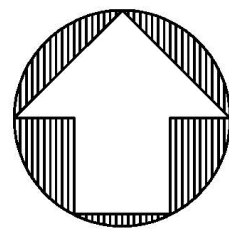


PLANT NORTH



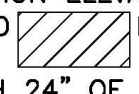
LAKE MICHIGAN

PLAN





EXCAVATION AND BACKFILL GENERAL NOTES:

- EXCAVATION AND BACK FILL SHALL CONFORM TO PROJECT SPECIFICATION H334208-CS006 AND REFERENCE GEOTECHNICAL SPECIFICATION.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO ENSURE THAT ADJACENT FOUNDATIONS ARE NOT DISTURBED DURING EXCAVATION AND CONSTRUCTION.
- CONTRACTOR SHALL CONSULT PLANT PERSONNEL FOR LOCATIONS OF EXISTING UNDERGROUND UTILITIES, CONDUITS, GROUNDING LOOPS, ETC., WHETHER IN SERVICE OR ABANDONED, PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL EXERCISE CAUTION DURING EXCAVATION TO PROTECT AND ADEQUATELY SUPPORT UNDERGROUND UTILITIES SCHEDULED TO REMAIN IN SERVICE.
- CONTRACTOR IS RESPONSIBLE TO MAINTAIN DRY SOIL CONDITIONS FOR BEARINGS OF FOOTINGS. FOOTINGS SHALL NOT BE PLACED IN WATER OR ON MUD.
- ALL WORK AREAS SHALL BE STRIPPED TO A DEPTH OF 1'-0" NOMINAL, SUCH THAT ALL ORGANIC MATTER IS REMOVED.
- THE EXPOSED SUBGRADE SHALL BE PROOF-ROLLED PER SPECIFICATIONS PRIOR TO APPLICATION OF BACK FILL MATERIALS NECESSARY TO ACHIEVE FINAL GRADE ELEVATIONS. ALL SOFT SOIL SHALL BE OVER EXCAVATED AND BACK FILLED WITH STRUCTURAL FILL OR CRUSHED ROCK.
- BACK FILL SHALL BE PREAPPROVED BY THE GEOTECHNICAL ENGINEER. IN GENERAL NEW FILL SHOULD BE SIMILAR TO DOT NO. 53 OR NO. 73. MATERIAL UNDER SLAB AGGREGATE GRADATIONS SHOULD BE NO. 9 AND/OR NO. 11.
- PLACEMENT OF BACK FILL SHALL BE DONE IN LIFTS OF UNIFORM THICKNESS AND COMPACTED TO A MINIMUM OF 90% MODIFIED PROCTOR TEST (ASTM D1577). LOOSE LIFTS SHALL NOT EXCEED 8 INCHES AND SHALL NOT BE PLACED UPON SOFT MATERIALS.
- THE REFERENCE GEOTECHNICAL SPECIFICATION IS "AECOM" PROJECT NO. 60148360 DATED APRIL 7, 2010.

NOTES:

- SURVEY INFORMATION PROVIDED BY FALK/PLI DATE 4/29/2010
- ROUGH EXCAVATION ELEVATION WITHIN THE BUILDING MODULE AREA IS 605.5'
- WORK THIS DRAWING WITH DRAWINGS GW606267 THRU GW606270 AND GW606281, GW606282
- EXCAVATION ELEVATION OF AREA SOUTH OF PCI TRACK HATCHED  IS 604.00'. THIS AREA IS TO BE BUILT UP WITH 24" OF STRUCTURAL FILL TO AN ELEVATION OF 606.00' (NOMINAL).

LEGEND

- STORM WATER & UTILITY TRENCHES - 
- EXISTING SOIL BORINGS - 
- EXISTING PIEZOMETERS - 
- STORM WATER TRENCHES - SW
- UTILITY TRENCHES - UT
- SURVEY POINT (AS BUILT) - 

SURVEY POINTS ● CENTERLINE OF ROADWAY	AS BUILT ELEVATIONS	APPROX. N & E COORDINATES
1	607'-1"	N 2321176 E 2887951
2	607'-1 <sup>1</sup> / <sub>8</sub> "	N 2321182 E 2888482
3	607'-1 <sup>7</sup> / <sub>8</sub> "	N 2321204 E 2889012
4	607'-1"	N 2321195 E 2889542
5	607'-3 <sup>3</sup> / <sub>4</sub> "	N 2320838 E 2887944
6	607'-5 <sup>3</sup> / <sub>4</sub> "	N 2320838 E 2888482
7	607'-5 <sup>3</sup> / <sub>4</sub> "	N 2320859 E 2889012
8	607'-6 <sup>3</sup> / <sub>8</sub> "	N 2320859 E 2889550
9	607'-4"	N 2320502 E 2887949
10	607'-5 <sup>1</sup> / <sub>2</sub> "	N 2320494 E 2888482
11	607'-4"	N 2320514 E 2889011
12	607'-5 <sup>1</sup> / <sub>2</sub> "	N 2320521 E 2889541

HATCH™ Hatch Associates Consultants, Inc. Pittsburgh, PA 15219-1031		
REVISION	SCALE: 1"=200' U.N.	DATE
DESIGNED BY H. HAMILTON		
DRAWN BY J. ZIEGLER	4/8/2010	
CHECKED BY G. SMOKOVICH	6/23/2010	
APPROVED BY R. STOFKO	7/28/2010	
PROJECT NO. 334208	REVISION 4	
INFORMATION CONFIDENTIAL: ALL PLANS, DRAWINGS, SPECIFICATIONS AND/OR INFORMATION FURNISHED HEREWITH ARE AND SHALL REMAIN CONFIDENTIAL AND SHALL NOT BE USED FOR ANY PURPOSE NOT PROVIDED FOR IN AGREEMENTS WITH HATCH ASSOCIATES CONSULTANTS, INC.		
REV.	DESCRIPTION	DATE
4	ADDED AS BUILT SURVEY DATA	8/16/12
3	REVISED RAILROAD	6/15/12
2	ADDED SURVEY MONUMENT INFORMATION	8/19/10
1	REVISED UTILITY TRENCHES	8/3/10
0	FOR CONSTRUCTION	7/29/10

FOR CONSTRUCTION

STRATEGIC COKE  
IMPROVEMENT PROJECT  
EXCAVATION LOCATION  
PLAN VIEW

USS Gary Works  
United States Steel

PREPARED BY	DATE	CHECKED BY	DATE	SCALE
PROJECT NO. UGA1-0125				1"=200' U.N.
JOB NO.				

GW606266

